

In the Specification

Please substitute the paragraph in the CROSS REFERENCE TO RELATED APPLICATIONS beginning on page 1, line 4 with the following paragraph:

CROSS REFERENCE TO RELATED APPLICATIONS

The present application is a continuation of and claims priority to International Application No. PCT/US00/18037 (published as International Publication No. WO 01/01918), filed 29 June 2000 and designating the United States, which in turn claims priority from provisional application having United States Serial No. ~~60/084,605, filed 7 May 1998~~ 60/142,112, filed 2 July 1999, the entire disclosure of which is incorporated herein by reference.

Please substitute the following paragraph for the paragraph beginning at page ⁹~~8~~, line 26:

Such a blade is shown in Figure 2, wherein the unit 14 is shown in cross section ~~(2a)~~ and on end ~~(2b)~~. The prototype shown includes a generally circular valve blade assembly 20, rotatable upon a central axis and having one or more cutout portions 22. The blades are retained on a centrally located motor driven shaft 24, which serves to rotate the blades, and in turn, provide airflow access to and through the cutout portion(s) in front the end plates of air ports 26 a and 26 b, respectively. Optionally, and as shown, the blades are connected to the drive shaft by means of a blade support collar 28 and set screw 30.

Please substitute the following paragraph for the paragraph beginning at page 8, line 24:

As shown in ~~corresponding Figure 2b~~ Figure 2, a pair of end plates 32a and 32b are mounted on an axis concentric with that of motor drive shaft, and effectively sandwich the blade assembly between them. The end plates are provided with corresponding air ports 34a and 36a (in plate 32a) and 34b and 36b (in plate 32b). The air ports are overlapping such that air delivered from the external surface of either end plate will be free to exit the corresponding air port in the opposite plate, at such times as the blade cutout portion of the valve blade is itself in an overlapping position therebetween. By virtue of the rotation of cutout portions past the overlapping air ports, in the course of constant air delivery from one air port toward the other, the rotating fan blade effectively functions as a valve to permit air to pass into the corresponding air port in a semi-continuous and controllable fashion. The resultant delivery tends to take a sinusoidal wave form, by virtue of the shape and arrangement of the fan blade cutout portions.

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